OIPE #8 0570
1106
11/21/2002

CRF Processing Date: 11/21/2002
Edited by: _____
Verified by: _____ (STIC staff)

Serial Number: 10/068,471

ENTERED

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically: _____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data; or [ ] other _____.

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- [ ] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included: _____

- [ ] Deleted extra, invalid, headings used by an applicant, specifically: _____

- [x] Deleted: [ ] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as _____.

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically: _____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically: _____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other: _____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING   DATE: 11/21/2002
PATENT APPLICATION: **US/10/068,471**   TIME: 21:37:41

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\11212002\J068471.raw**

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 3 <110> APPLICANT: HANDEL, Malcolm L.
 4        NGUYEN, LY Q. Q.
 5        ATKINS, DAVID G.
 6        CAIRNS, MURRAY J.
 8 <120> TITLE OF INVENTION: TREATMENT OF INFLAMMATORY AND MALIGNANT DISEASES
10 <130> FILE REFERENCE: 529282000400
12 <140> CURRENT APPLICATION NUMBER: 10/068,471
13 <141> CURRENT FILING DATE: 2002-02-04
15 <150> PRIOR APPLICATION NUMBER: PCT/AU00/00932
16 <151> PRIOR FILING DATE: 2000-08-04
18 <160> NUMBER OF SEQ ID NOS: 40
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1767
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
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29 cgccccggg accccggcca tggacgaact gttccccctc atcttccgg cagagccagc 120
30 ccaggcctct ggcccctatg tggagatcat tgagcagccc aagcagcggg gcatgcgctt 180
31 ccgctacaag tgcgaggggc gctccgcggg cagcatccca ggcgagagga gcacagatac 240
32 caccaagacc caccccacca tcaagatcaa tggctacaca ggaccaggga cagtgcgcat 300
33 ctccctggtc accaaggacc ctcctcaccg gcctcacccc cacgagcttg taggaaagga 360
34 ctgccgggat ggcttctatg aggctgagct ctgcccggac cgctgcatcc acagtttcca 420
35 gaacctggga atccagtgtg tgaagaagcg ggacctggag caggctatca gtcagcgcat 480
36 ccagaccaac aacaacccct tccaagttcc tatagaagag cagcgtgggg actacgacct 540
37 gaatgctgtg cggctctgct tccaggtgac agtgcgggac ccatcaggca ggcccctccg 600
38 cctgccgcct gtccttcctc atcccatctt tgacaatcgt gcccccaaca ctgccgagct 660
39 caagatctgc cgagtgaacc gaaactctgg cagctgcctc ggtggggatg agatcttcct 720
40 actgtgtgac aaggtgcaga agaggacat tgaggtgtat ttcacgggac caggctggga 780
41 ggcccgaggc tccttttcgc aagctgatgt gcaccgacaa gtggccattg tgttccggac 840
42 ccctccctac gcagacccca gcctgcaggc tcctgtgcgt gtctccatgc agctgcggcg 900
43 gccttccgac cgggagctca gtgagcccat ggaattccag tacctgccag atacagacga 960
44 tcgtcaccgg attgaggaga aacgtaaaag gacatatgag accttcaaga gcatcatgaa 1020
45 gaagagtcct ttcagcggac ccaccgaccc ccggcctcca cctcgacgca ttgctgtgcc 1080
46 ttcccgcagc tcagcttctg tccccaagcc agcaccccag ccctatccct ttacgtcatc 1140
47 cctgagcacc atcaactatg atgagtttcc caccatggtg tttccttctg ggcagatcag 1200
48 ccaggcctcg gccttggccc cggcccctcc ccaagtcctg ccccaggctc cagcccctgc 1260
49 ccctgctcca gccatggtat cagctctggc ccaggcccca gcccctgtcc cagtcctagc 1320
50 cccaggccct cctcaggctg tggccccacc tgcccccaag cccacccagg ctggggaagg 1380
51 aacgctgtca gaggccctgc tgcagctgca gtttgatgat gaagacctgg gggccttgct 1440
52 tggcaacagc acagacccag ctgtgttcac agacctggca tccgtcgaca actccgagtt 1500
53 tcagcagctg ctgaaccagg gcatacctgt ggcccccac acaactgagc ccatgctgat 1560
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/068,471**

DATE: 11/21/2002
TIME: 21:37:41

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\11212002\J068471.raw**

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54 ggagtaccct gaggctataa ctcgcctagt gacaggggcc cagaggcccc ccgacccagc 1620
55 tcctgctcca ctgggggccc cggggctccc caatggcctc ctttcaggag atgaagactt 1680
56 ctcctccatt gcggacatgg acttctcagc cctgctgagt cagatcagct cctaaggggg 1740
57 tgacgcctgc cctccccaga gcactgg                                      1767
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61 <211> LENGTH: 15
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
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66 <223> OTHER INFORMATION: Description of Artificial Sequence: catalytic
67       domain
69 <400> SEQUENCE: 2
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76 <213> ORGANISM: Artificial Sequence
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86 <211> LENGTH: 33
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
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94 gagggggaag gctagctaca acgaagttcg tcc                               33
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98 <211> LENGTH: 33
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100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
105 <400> SEQUENCE: 5
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110 <211> LENGTH: 33
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
117 <400> SEQUENCE: 6
118 gctgctcaag gctagctaca acgagatctc cac                             33
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 33
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
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126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
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135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
141 <400> SEQUENCE: 8
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146 <211> LENGTH: 33
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
153 <400> SEQUENCE: 9
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158 <211> LENGTH: 33
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160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
165 <400> SEQUENCE: 10
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170 <211> LENGTH: 33
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
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183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
189 <400> SEQUENCE: 12
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196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/068,471**

DATE: 11/21/2002
TIME: 21:37:41

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\11212002\J068471.raw**

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207 <212> TYPE: DNA
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218 <211> LENGTH: 33
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
225 <400> SEQUENCE: 15
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229 <210> SEQ ID NO: 16
230 <211> LENGTH: 33
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
237 <400> SEQUENCE: 16
238 accttgtcag gctagctaca acgaacagta gga                               33
241 <210> SEQ ID NO: 17
242 <211> LENGTH: 33
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
249 <400> SEQUENCE: 17
250 ctttctgcag gctagctaca acgacttgtc aca                               33
253 <210> SEQ ID NO: 18
254 <211> LENGTH: 33
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
261 <400> SEQUENCE: 18
262 acacctcaag gctagctaca acgagtcctc ttt                               33
265 <210> SEQ ID NO: 19
266 <211> LENGTH: 33
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/068,471**

DATE: 11/21/2002
TIME: 21:37:41

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\11212002\J068471.raw**

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279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
285 <400> SEQUENCE: 20
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286 tccggaacag gctagctaca acgaaatggc cac
289 <210> SEQ ID NO: 21
290 <211> LENGTH: 33
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
297 <400> SEQUENCE: 21
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298 tcgtctgtag gctagctaca acgactggca ggt
301 <210> SEQ ID NO: 22
302 <211> LENGTH: 33
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
309 <400> SEQUENCE: 22
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310 atccggtgag gctagctaca acgagatcgt ctg
313 <210> SEQ ID NO: 23
314 <211> LENGTH: 33
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
321 <400> SEQUENCE: 23
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325 <210> SEQ ID NO: 24
326 <211> LENGTH: 33
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
333 <400> SEQUENCE: 24
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334 gggaaggcag gctagctaca acgaagcaat gcg
337 <210> SEQ ID NO: 25
338 <211> LENGTH: 33
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
345 <400> SEQUENCE: 25
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/068,471**

DATE: 11/21/2002
TIME: 21:37:42

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\11212002\J068471.raw**

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/068,471

DATE: 11/18/2002
TIME: 12:06:14

Input Set : A:\529282000400 seq list.txt
Output Set: N:\CRF4\11182002\J068471.raw

*Does Not Comply
Corrected Diskette Needed*

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   3 <110> APPLICANT: HANDEL, Malcolm L.
   4        NGUYEN, LY Q. Q.
   5        ATKINS, DAVID G.
   6        CAIRNS, MURRAY J.
   8 <120> TITLE OF INVENTION: TREATMENT OF INFLAMMATORY AND MALIGNANT DISEASES
  10 <130> FILE REFERENCE: 529282000400
  12 <140> CURRENT APPLICATION NUMBER: 10/068,471
C--> 13 <141> CURRENT FILING DATE: 2002-10-29
  15 <150> PRIOR APPLICATION NUMBER: PCT/AU00/00932
  16 <151> PRIOR FILING DATE: 2000-08-04
  18 <160> NUMBER OF SEQ ID NOS: 40
  20 <170> SOFTWARE: PatentIn Ver. 2.1
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ERRORED SEQUENCES

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 517 <210> SEQ ID NO: 40
 518 <211> LENGTH: 33
 519 <212> TYPE: DNA
 520 <213> ORGANISM: Artificial Sequence
 522 <220> FEATURE:
 523 <223> OTHER INFORMATION: Description of Artificial Sequence: DNAzyme
 525 <400> SEQUENCE: 40
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E--> 531 10
E--> 534 1
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/068,471**

DATE: 11/18/2002
TIME: 12:06:16

Input Set : **A:\529282000400 seq list.txt**
Output Set: **N:\CRF4\11182002\J068471.raw**

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:531 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=40